

Appl. No. : **10/006,867**
Filed : **December 6, 2001**

AMENDMENTS TO THE CLAIMS

1-41 (Cancelled)

42. (Currently amended) An isolated polypeptide having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) ~~the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;~~
- (c) ~~the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2;~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide; or~~

~~(e)(c)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,

wherein said extracellular domain is selected from the group consisting of amino acids 34-53, 114-121, and 181-266 34-366 of SEQ ID NO:2; and

wherein said isolated polypeptide is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively.

43. (Currently amended) The isolated polypeptide of Claim 42 having at least 99% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) ~~the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;~~
- (c) ~~the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2;~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide; or~~

~~(e)(c)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,

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wherein said extracellular domain is selected from the group consisting of amino acids 34-53, 114-121, and 181-266 34-366 of SEQ ID NO:2; and

wherein said isolated polypeptide is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively.

44. (Currently amended) An isolated polypeptide comprising:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) ~~the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;~~
- (c) —the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2;
- (d) ~~(e) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide; or~~
- (e)(c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,

wherein said extracellular domain is selected from the group consisting of amino acids 34-53, 114-121, and 181-266 34-366 of SEQ ID NO:2.

45. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the polypeptide of SEQ ID NO:2.

46. (Cancelled)

47. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2.

48. (Cancelled)

49. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099.

50. (Previously presented) A chimeric polypeptide comprising a polypeptide according to Claim 42 fused to a heterologous polypeptide.

51. (Previously presented) The chimeric polypeptide of Claim 50, wherein the heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.

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52. (Currently amended) An isolated polypeptide having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) ~~the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;~~
- (c) — the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2;
- (d) ~~the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide;~~ or
- (e)(c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,
wherein said extracellular domain is selected from the group consisting of amino acids 34-53, 114-121, and 181-266 34-366 of SEQ ID NO:2; and
wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:2 in rectal or lung tissue samples.

53. (Currently amended) The isolated polypeptide of Claim 52 having at least 99% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) ~~the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;~~
- (c) — the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2;
- (d) ~~the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide;~~ or
- (e)(c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,
wherein said extracellular domain is selected from the group consisting of amino acids 34-53, 114-121, and 181-266 34-366 of SEQ ID NO:2; and

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wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:2 in rectal or lung tissue samples.

54. (Original) A chimeric polypeptide comprising a polypeptide according to Claim 52 fused to a heterologous polypeptide.

55. (Original) The chimeric polypeptide of Claim 54, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.